ABSTRACT

A slide switch includes a glider constrained by a housing which is mounted on a printed circuit board (PCB). Dual contact springs on the bottom of the glider interact with two rows of contacts on the PCB, with each contact spring making contact between adjacent contacts in the same row as the contact spring. In the preferred embodiment, the switch is a dual pole five-throw position switch which in conjunction with the circuit on the PCB, provides speed control for a fan with four speed settings and an OFF setting. If *n* number of contact springs and *k* number of contacts are in each row, an *n*-pole *k-1* throw linear switch is possible.

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